

FIG. 1

Central Data Link Record															
Origination								Destination							
Link ID	Node	Shelf	Slot	Card	Port	Port Type	Channel	Node	Shelf	Slot	Card	Port	Port Type	Channel	Link Capacity
0001	North	#	##	01	#	Chann'd	4 of 4	West	#	##	02	#	UnChann'd	(1 of 1)	OC-48
0002	North	#	##	02	#	Chann'd	11 of 16	South	#	##	01	#	Chann'd	3 of 4	OC-12
0003	North	#	##	02	#	Chann'd	13 of 16	East	#	##	01	#	UnChann'd	(1 of 1)	OC-12
0004	East	#	##	02	#	UnChann'd	(1 of 1)	South	#	##	01	#	Chann'd	2 of 4	OC-12
0005	South	#	##	02	#	UnChann'd	(1 of 1)	West	#	##	01	#	UnChann'd	(1 of 1)	OC-48
...

Nodal Data Link Record associated with the North Node								
Link ID	Shelf	Slot	Card	Port	Port Type	Channel	Rx/Tx	Link Capacity
0002	#	##	02	#	Chann'd	11 of 16	Output	OC-12
...

304

302

314

318

316

320

322

324

326

Nodal Data Link Record associated with the South Node								
Link ID	Shelf	Slot	Card	Port	Port Type	Channel	Rx/Tx	Link Capacity
0002	#	##	01	#	Chann'd	3 of 4	Input	OC-12
...

304

302

314

318

316

320

322

324

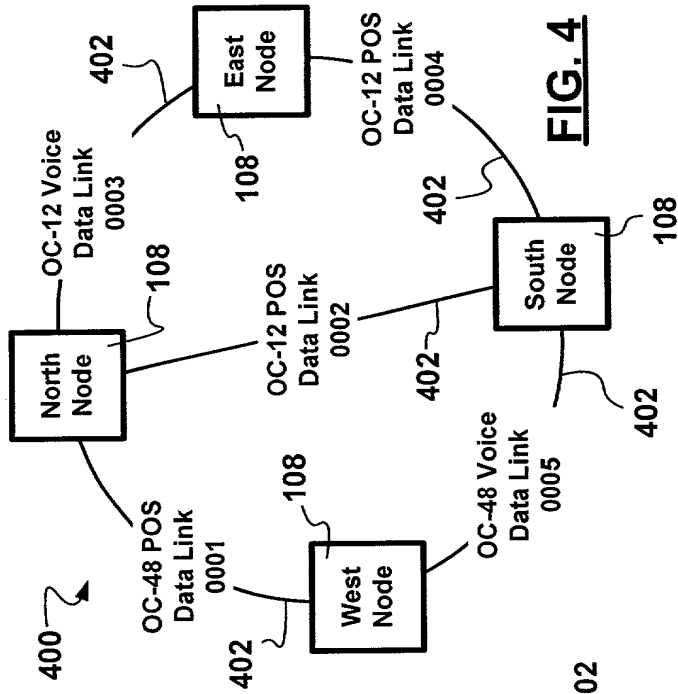
326

300

306

FIG. 3

FIG. 3



Channel Record							
Node	Shelf	Slot	Card	Port	Port Type	Channel	Capacity
North	#	##	01	#	Chann'd	1	OC-48
North	#	##	01	#	Chann'd	2	OC-48
North	#	##	01	#	Chann'd	3	OC-48
North	#	##	01	#	Chann'd	4	OC-48
North	#	##	02	#	Chann'd	1	OC-12
North	#	##	02	#	Chann'd	2	OC-12
North	#	##	02	#	Chann'd	3	OC-12
...
North	#	##	02	#	Chann'd	14	OC-12
North	#	##	02	#	Chann'd	15	OC-12
North	#	##	02	#	Chann'd	16	OC-12
East	#	##	01	#	UnChann'd	(1)	OC-12
East	#	##	02	#	UnChann'd	(1)	OC-12
South	#	##	01	#	UnChann'd	(1)	OC-48
South	#	##	02	#	Chann'd	1	OC-12
South	#	##	02	#	Chann'd	2	OC-12
South	#	##	02	#	Chann'd	3	OC-12
South	#	##	02	#	Chann'd	4	OC-12
West	#	##	01	#	UnChann'd	(1)	OC-48
West	#	##	02	#	UnChann'd	(1)	OC-48

FIG. 5

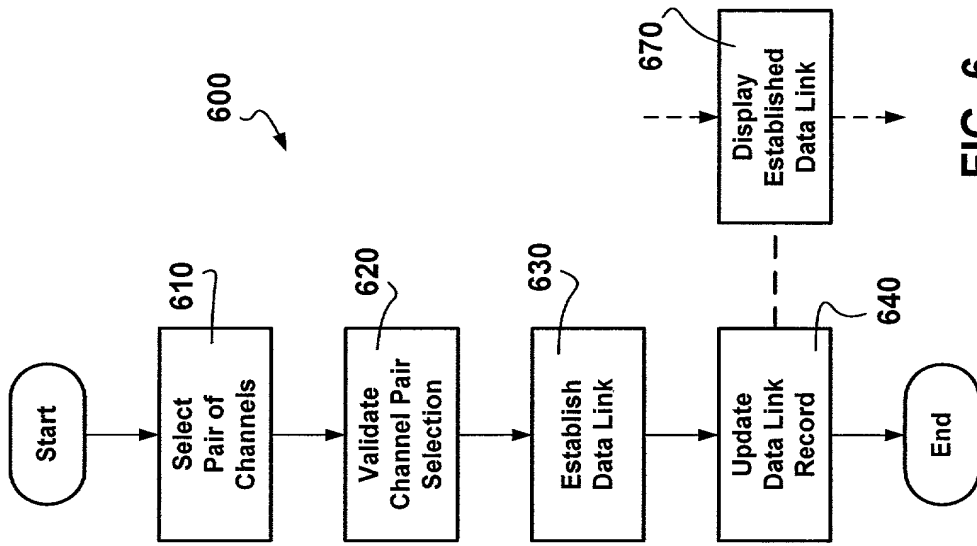


FIG. 6

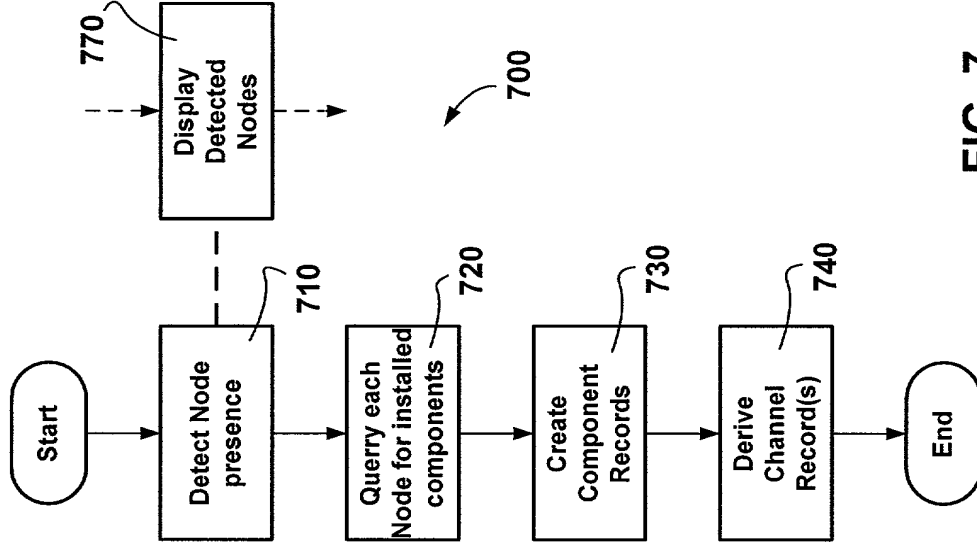


FIG. 7